

District of Columbia

Science and Engineering Profile

	STATE	U.S.	Rank		STATE	U.S.	Rank
Doctoral scientists, 1995	12,746	453,928	11	Total R&D performance, 1995 (millions)	\$3,128	\$177,210	18
Doctoral engineers, 1995	1,055	86,738	25	Industry R&D, 1995 (millions)	\$672	\$130,332	32
S&E doctorates awarded, 1996	304	27,230	26	Academic R&D, 1996 (millions)	\$201	\$22,481	32
of which, in social sciences	34%	15%		of which, in life sciences	69%	56%	
in life sciences	21%	25%		in physical sciences	8%	10%	
in psychology	15%	13%		in mathematics and computer sciences	7%	4%	
S&E postdoctorates, 1996	139	37,019	35	Higher education current-fund expenditures, 1995 (millions)	\$2,633	\$182,602	24
in doctorate-granting institutions							
S&E graduate students, 1996	9,202	430,631	14	Number of SBIR awards, 1990-1997	85	31,155	33
in doctorate-granting institutions				Patents issued to state residents, 1997	52	61,699	47
Population, 1997 (000s)	529	271,464	51	Gross state product, 1996 (billions)	\$51.2	\$7,677.4	35
Civilian labor force, 1997 (000s)	257	137,564	51	of which, agriculture	0%	2%	
Personal income per capita, 1997	\$35,852	\$25,598	2	manufacturing, mining, construction	3%	23%	
Federal spending				transportation, communication, utilities	5%	8%	
Total expenditures, 1997 (millions)	\$23,112	\$1,405,060	21	wholesale and retail trade	4%	16%	
R&D obligations, 1996 (millions)	\$2,576	\$66,087	8	finance, insurance, real estate	17%	19%	
				services	33%	20%	
				government	37%	12%	

Rankings and totals are based on data for the 50 states, D.C., and Puerto Rico.

Data on S&E postdoctorates and S&E graduate students include health fields.

Federal Obligations for Research and Development by Agency and Performer: Fiscal Year 1996

[Thousands of Dollars]

	Total	Federal	All FFRDCs	Industrial firms	Universities &	Other	State & local	State rank
		Intramural			Colleges	nonprofits	government	
Total, all agencies	2,575,680	1,847,005	0	399,855	143,358	182,772	2,690	8
Department of Agriculture	141,823	132,281	0	7,825	1,337	247	133	1
Department of Commerce	10,505	8,926	0	112	1,180	75	212	23
Department of Defense	1,371,928	1,037,073	0	290,708	33,408	10,739	0	8
Department of Energy	312,708	293,106	0	6,327	7,329	5,946	0	6
Dept. of Health & Human Services	178,370	55,078	0	17,401	71,972	33,769	150	16
Department of Interior	13,135	13,038	0	3	20	15	59	9
Department of Transportation	132,231	50,698	0	57,272	8,222	14,176	1,863	1
Environmental Protection Agency	62,782	47,858	0	4,510	375	10,039	0	2
Nat'l Aeronautics & Space Admin.	251,100	203,016	0	12,741	7,051	28,019	273	8
National Science Foundation	101,098	5,931	0	2,956	12,464	79,747	0	7
State rank	8	2	na	16	25	4	18	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable